

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061950.D
 Acq On : 22 Apr 2019 20:36
 Operator : VA/AP
 Sample : K2510-01
 Misc : 4.73g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-A

Quant Time: Apr 22 23:34:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

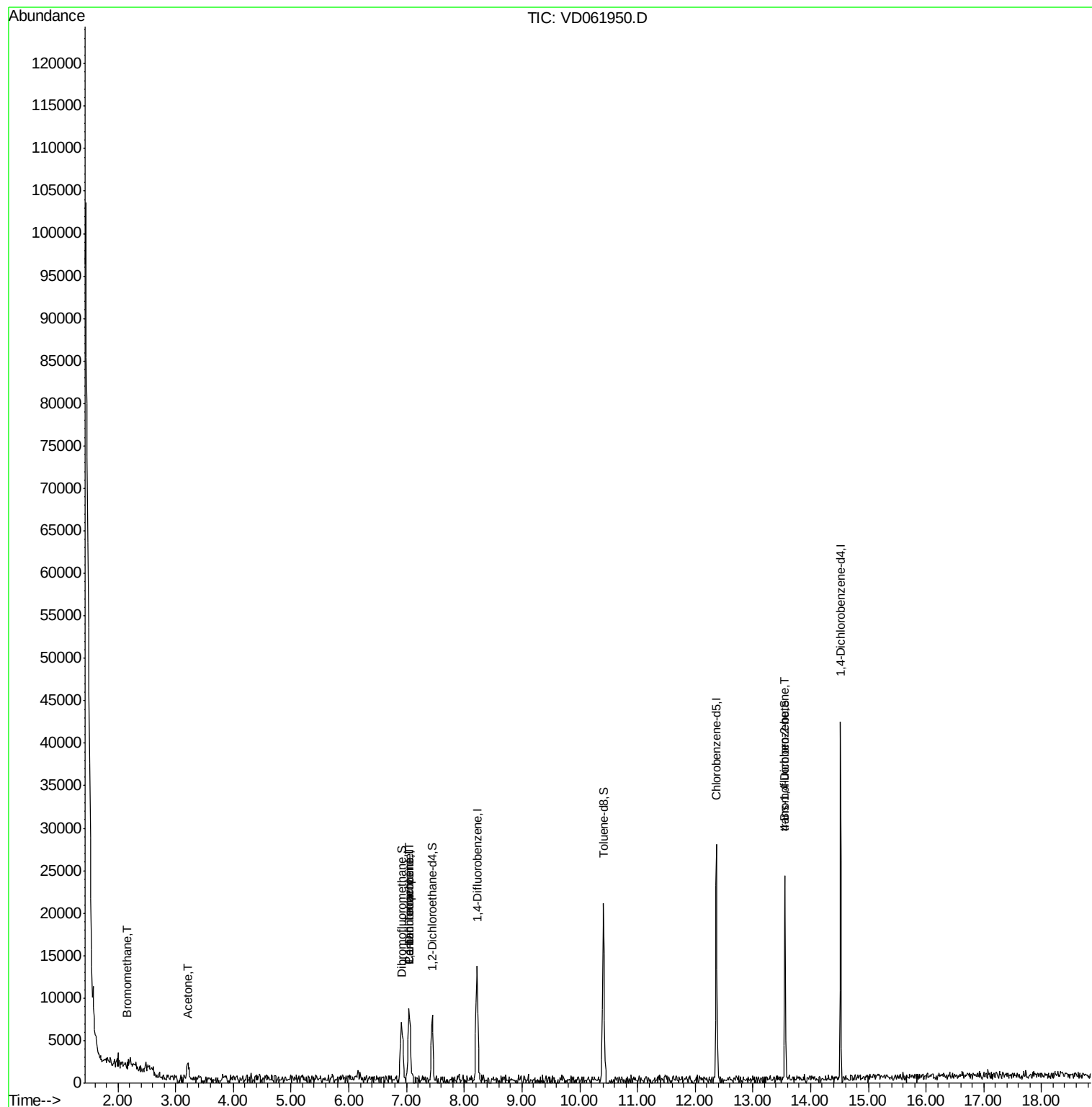
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	13382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	21882	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	19071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	9490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	7781	69.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.76%	
35) Dibromofluoromethane	6.91	113	7870	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.41	98	20001	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	13.55	95	9090	57.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.50%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.16	94	209	5.783	ug/l #	12
16) Acetone	3.21	43	4518	163.449	ug/l #	89
20) Methylene Chloride	3.80	84	617	Below Cal	#	8
36) 1,1-Dichloropropene	7.04	75	397	2.220	ug/l #	40
38) Carbon Tetrachloride	7.04	117	826	3.658	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.55	75	2925	70.921	ug/l #	16

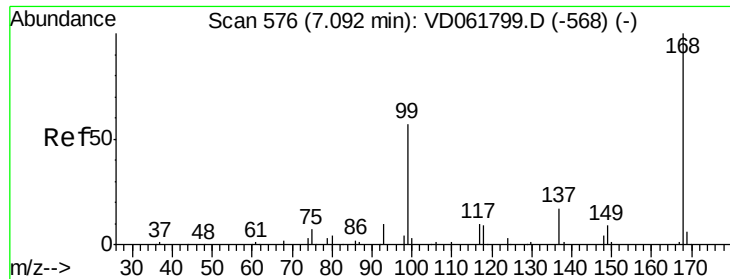
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042219\
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Misc : 4.73g/5ml/MSVOA D/SOIL
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Quant Time: Apr 22 23:34:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061950.D

Acq: 22 Apr 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

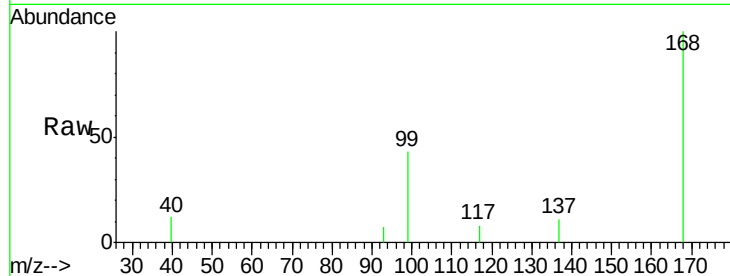
SOIL-PILE-A

Tot Ion:168 Resp: 13382

Ion Ratio Lower Upper

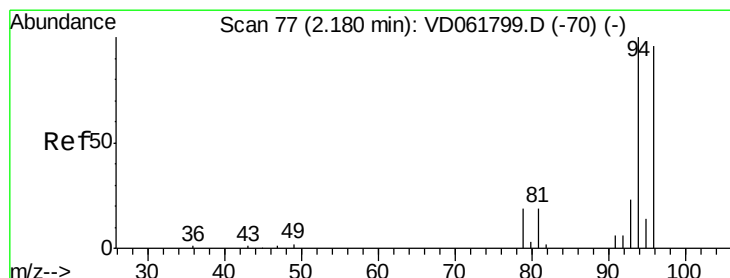
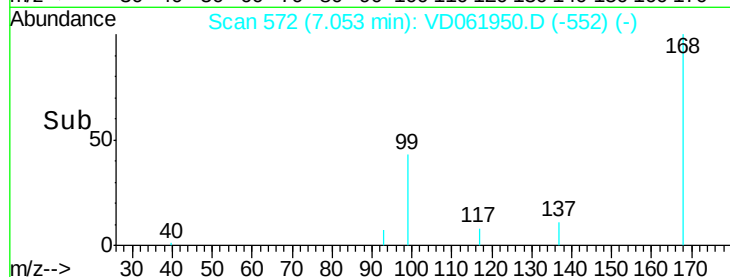
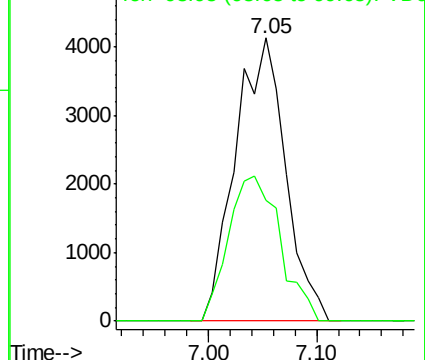
168 100

99 42.7 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 5.783 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD061950.D

Acq: 22 Apr 2019 20:36

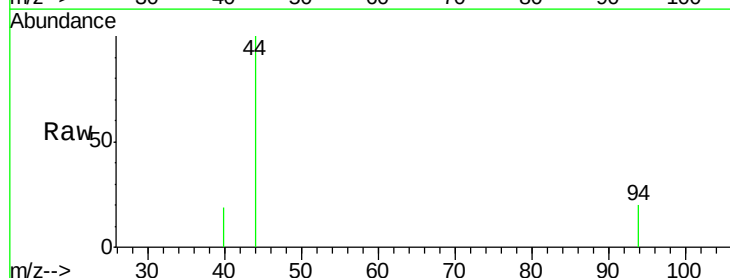
Tgt Ion: 94 Resp: 209

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

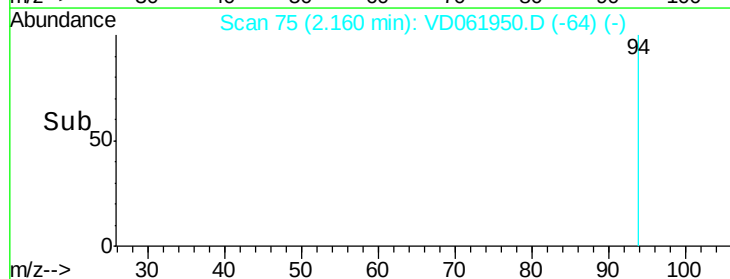
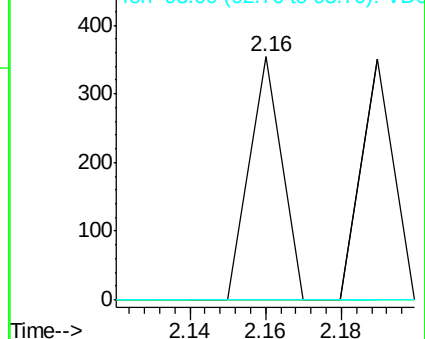
93 0.0 18.5 27.7#

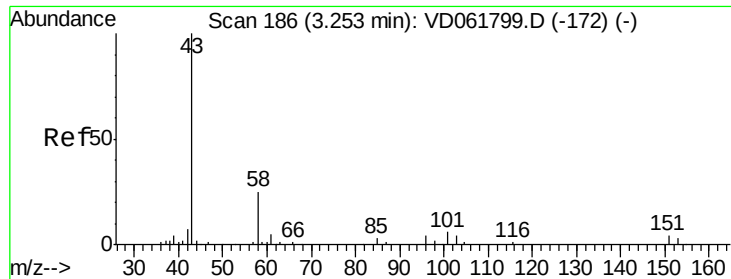


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 163.449 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061950.D

Acq: 22 Apr 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

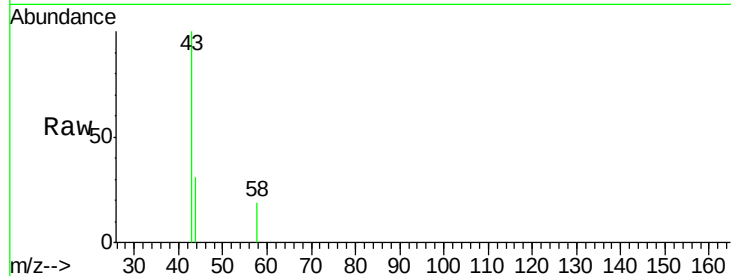
SOIL-PILE-A

Tot Ion: 43 Resp: 4518

Ion Ratio Lower Upper

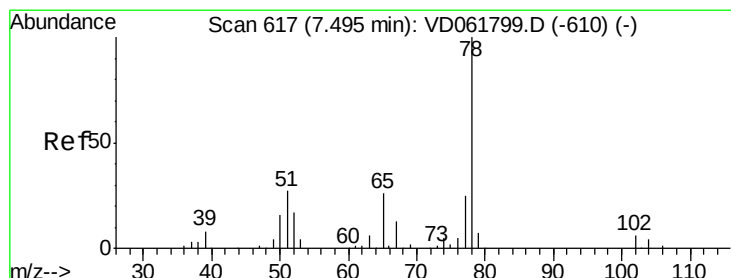
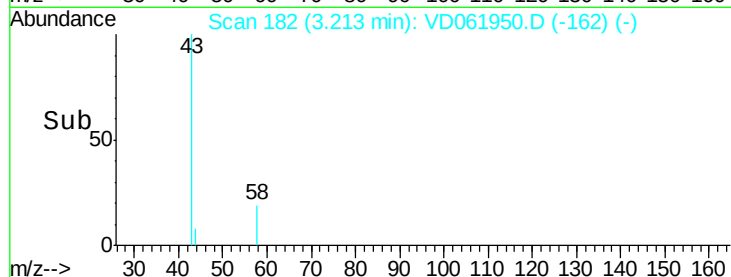
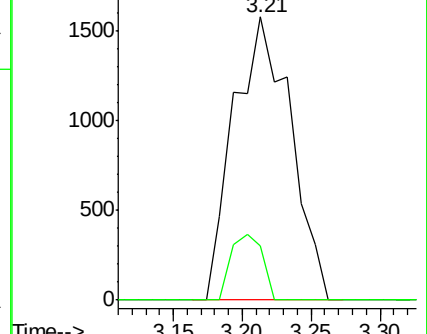
43 100

58 19.2 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061950.D

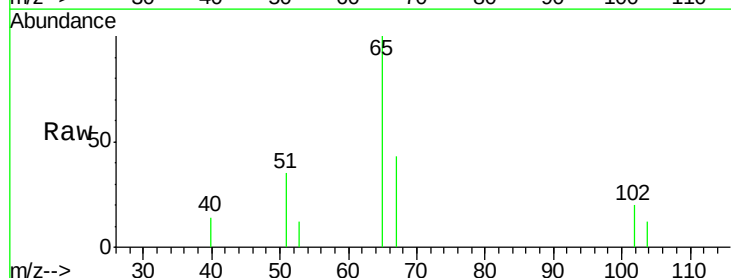
Acq: 22 Apr 2019 20:36

Tgt Ion: 65 Resp: 7781

Ion Ratio Lower Upper

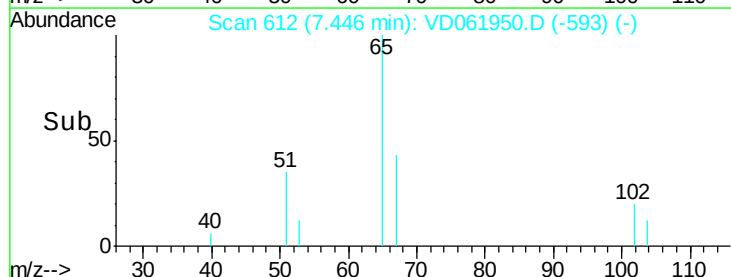
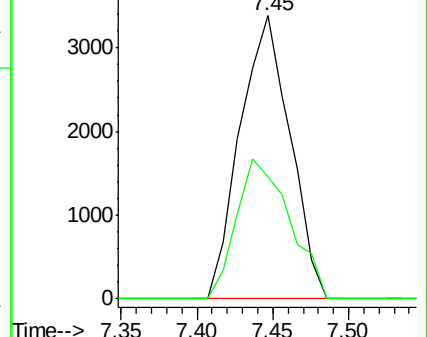
65 100

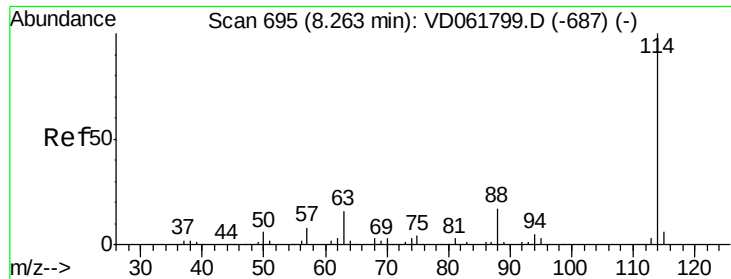
67 43.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

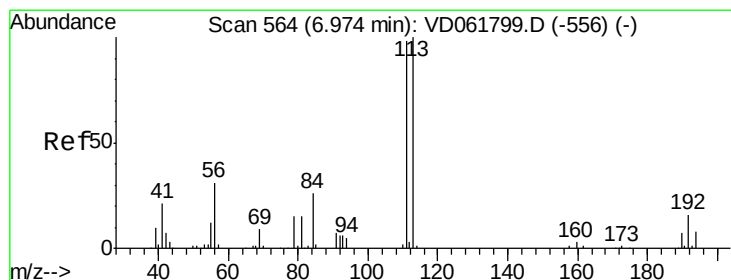
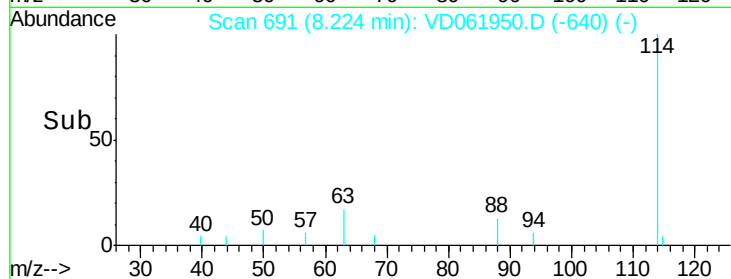
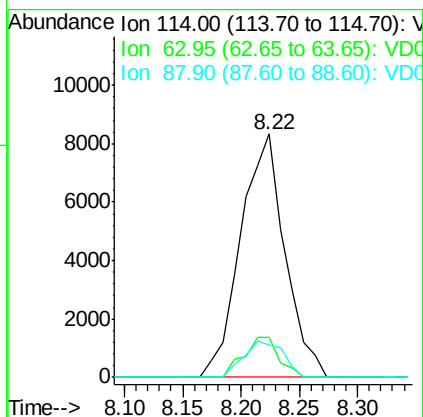
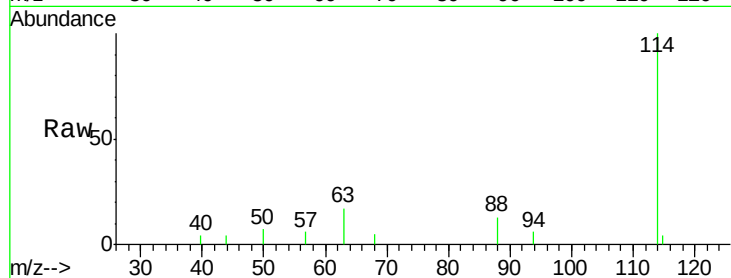




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061950.D
 Acq: 22 Apr 2019 20:36

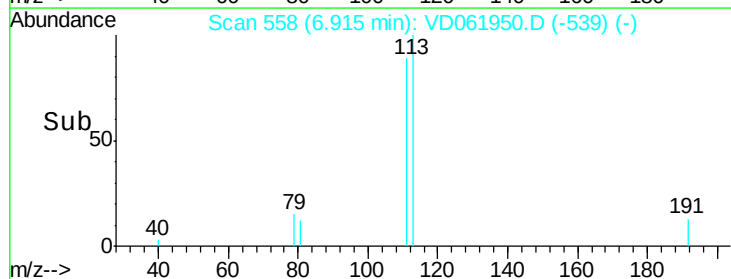
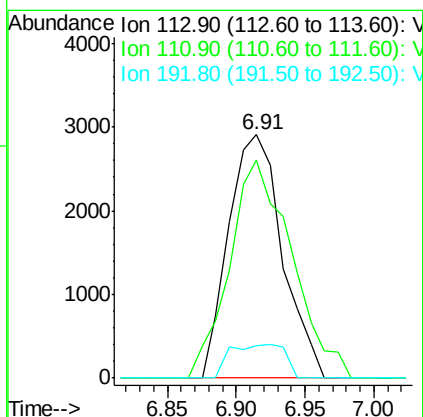
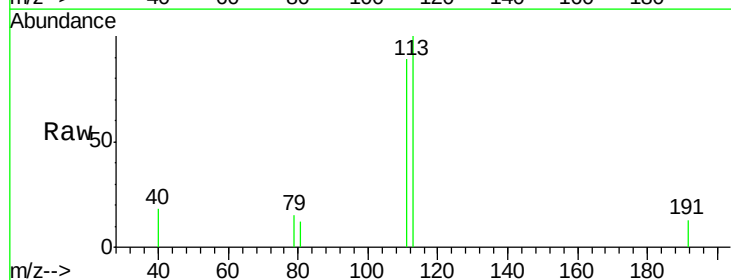
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-A

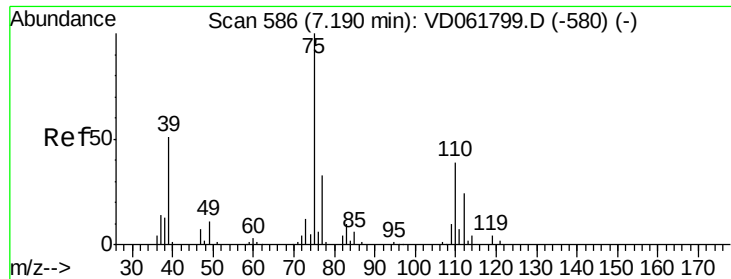
Tot Ion:114 Resp: 21882
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 13.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061950.D
 Acq: 22 Apr 2019 20:36

Tgt Ion:113 Resp: 7870
 Ion Ratio Lower Upper
 113 100
 111 89.4 78.5 117.7
 192 13.4 13.0 19.4

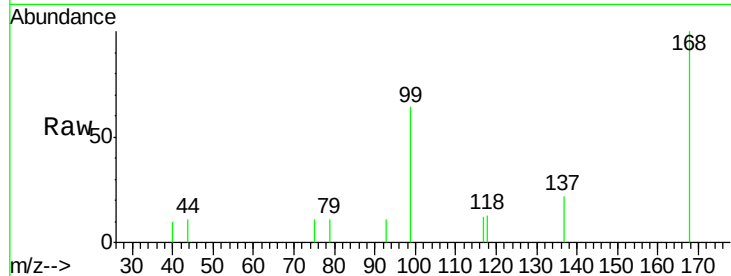




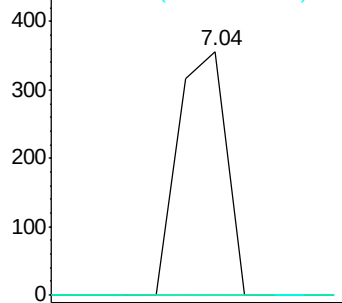
#36
 1,1-Dichloropropene
 Concen: 2.220 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.11 min
 Lab File: VD061950.D
 Acq: 22 Apr 2019 20:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-A

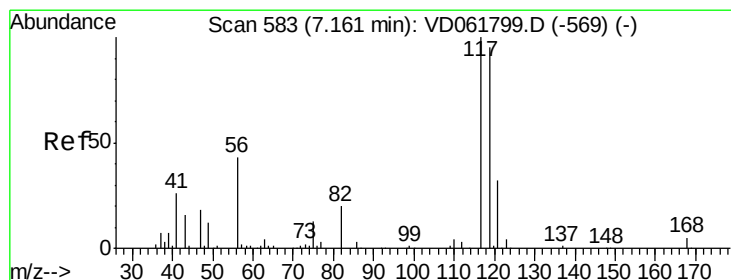
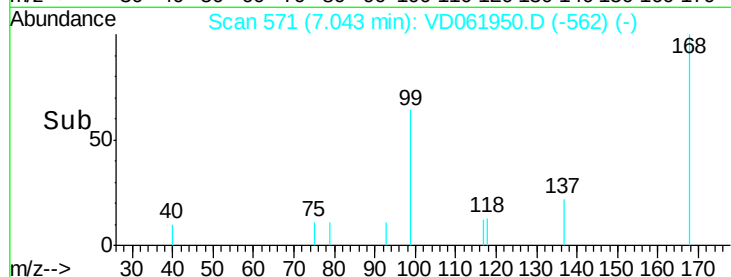
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.1#
77	0.0	25.6	38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

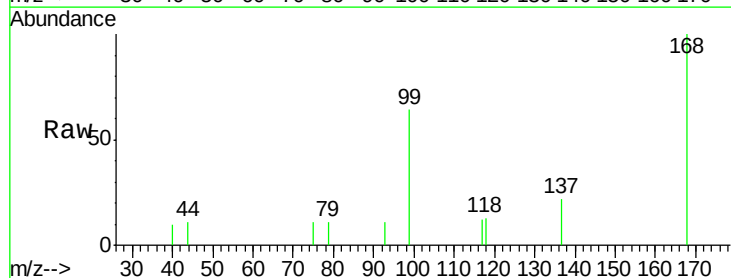


Time-->

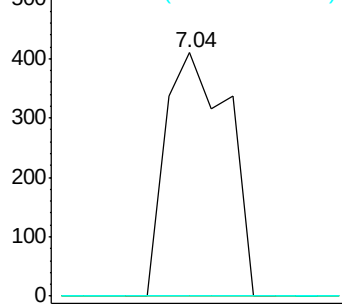


#38
 Carbon Tetrachloride
 Concen: 3.658 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061950.D
 Acq: 22 Apr 2019 20:36

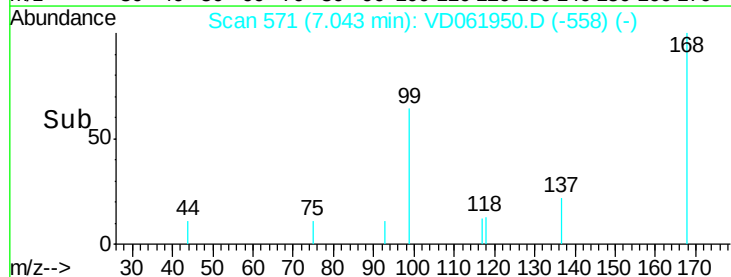
Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.9	38.9#

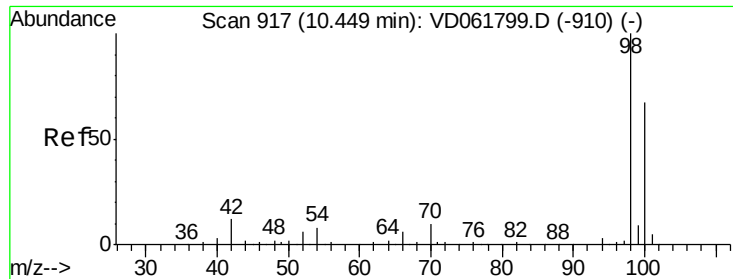


Abundance Ion 116.85 (116.55 to 117.55): VDC
 Ion 118.85 (118.55 to 119.55): VDC
 Ion 120.85 (120.55 to 121.55): VDC



Time-->

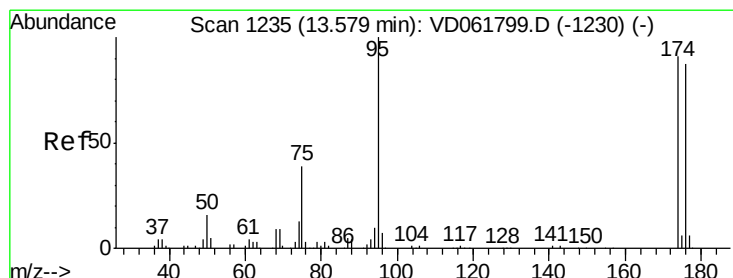
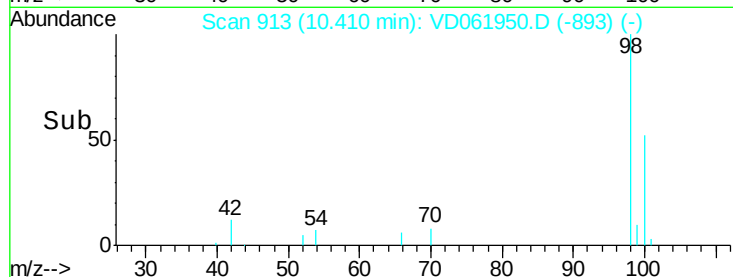
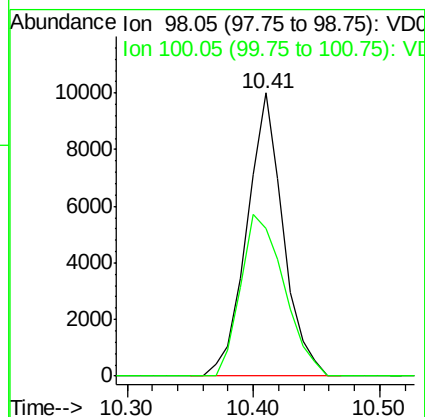
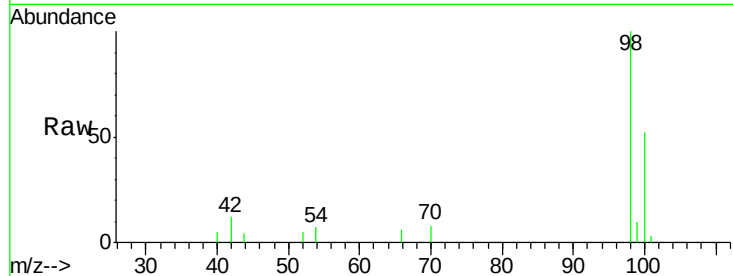




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061950.D
Acq: 22 Apr 2019 20:36

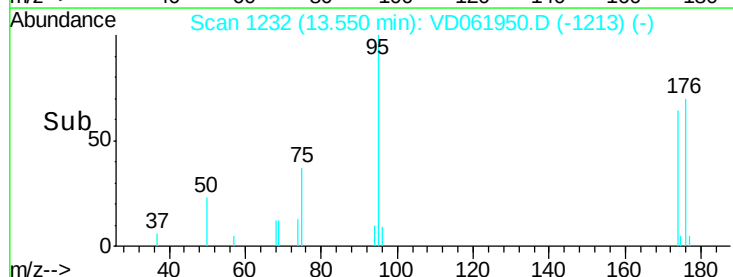
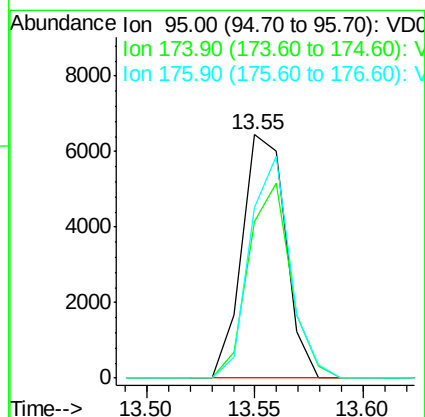
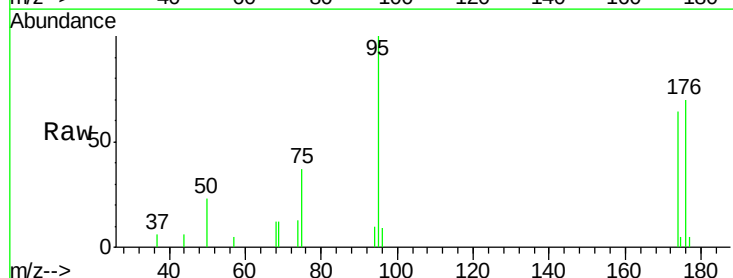
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-A

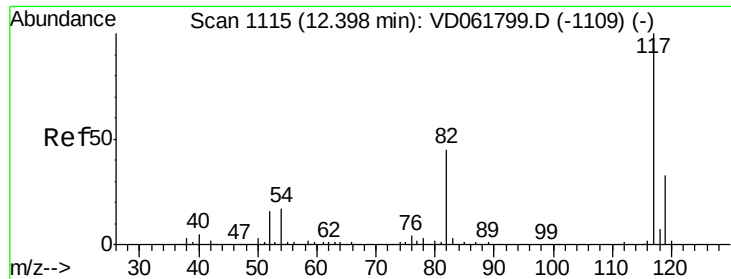
Tot Ion: 98 Resp: 20001
Ion Ratio Lower Upper
98 100
100 52.1 53.8 80.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD061950.D
Acq: 22 Apr 2019 20:36

Tgt Ion: 95 Resp: 9090
Ion Ratio Lower Upper
95 100
174 64.3 0.0 181.8
176 70.2 0.0 174.4

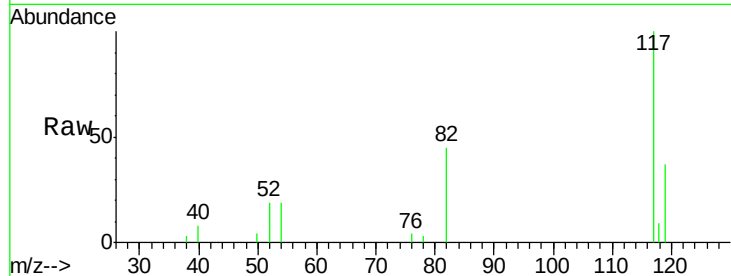




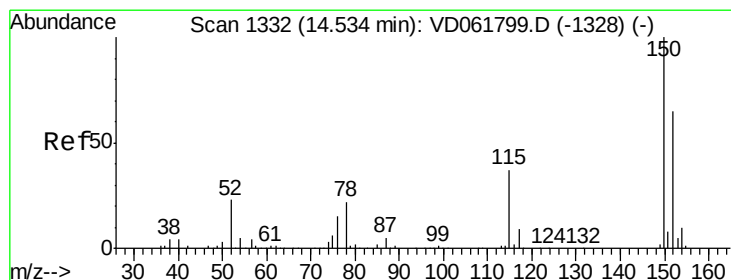
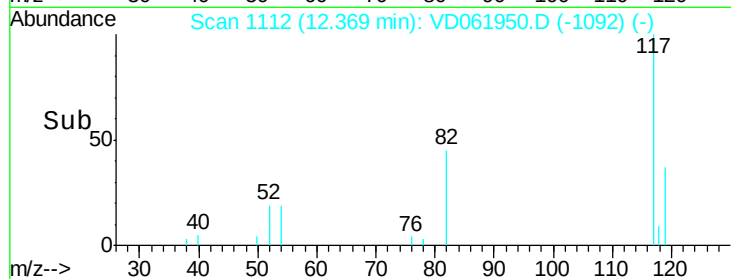
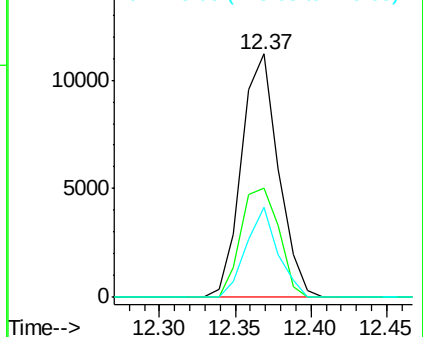
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061950.D
Acq: 22 Apr 2019 20:36

Instrument :
MSVOA_D
ClientSampled :
SOIL-PILE-A

Tot Ion:117 Resp: 19071
Ion Ratio Lower Upper
117 100
82 44.6 36.2 54.2
119 37.0 26.2 39.4

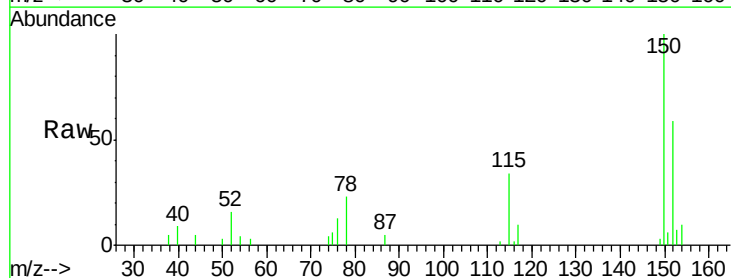


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

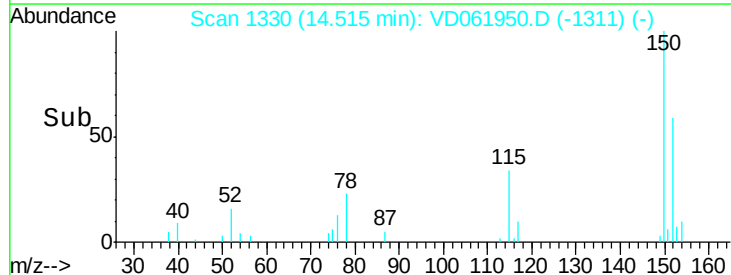
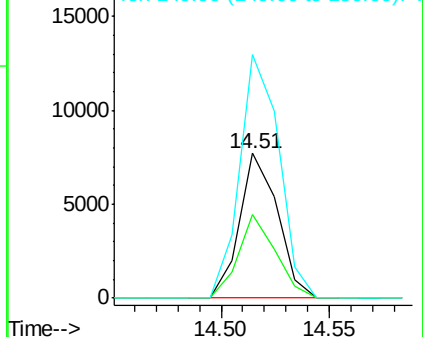


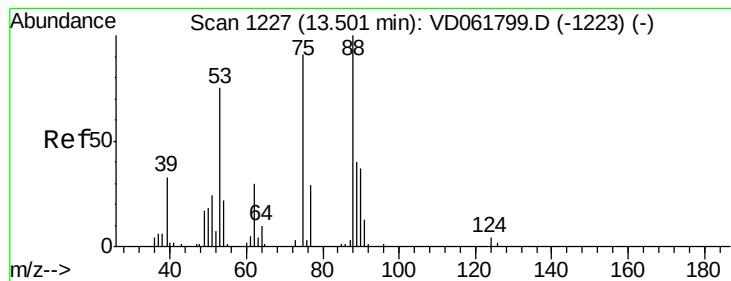
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061950.D
Acq: 22 Apr 2019 20:36

Tgt Ion:152 Resp: 9490
Ion Ratio Lower Upper
152 100
115 58.0 30.9 92.7
150 168.3 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.921 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061950.D

Acq: 22 Apr 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-A

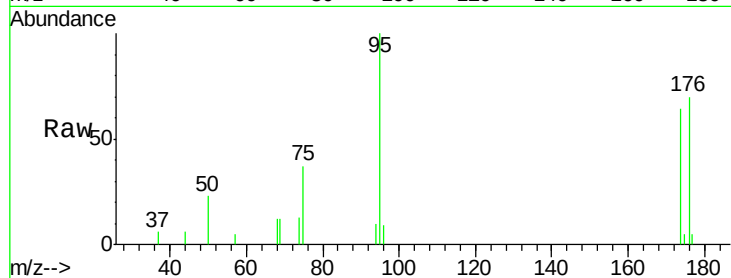
Tot Ion: 75 Resp: 2925

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

